

OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

1/33

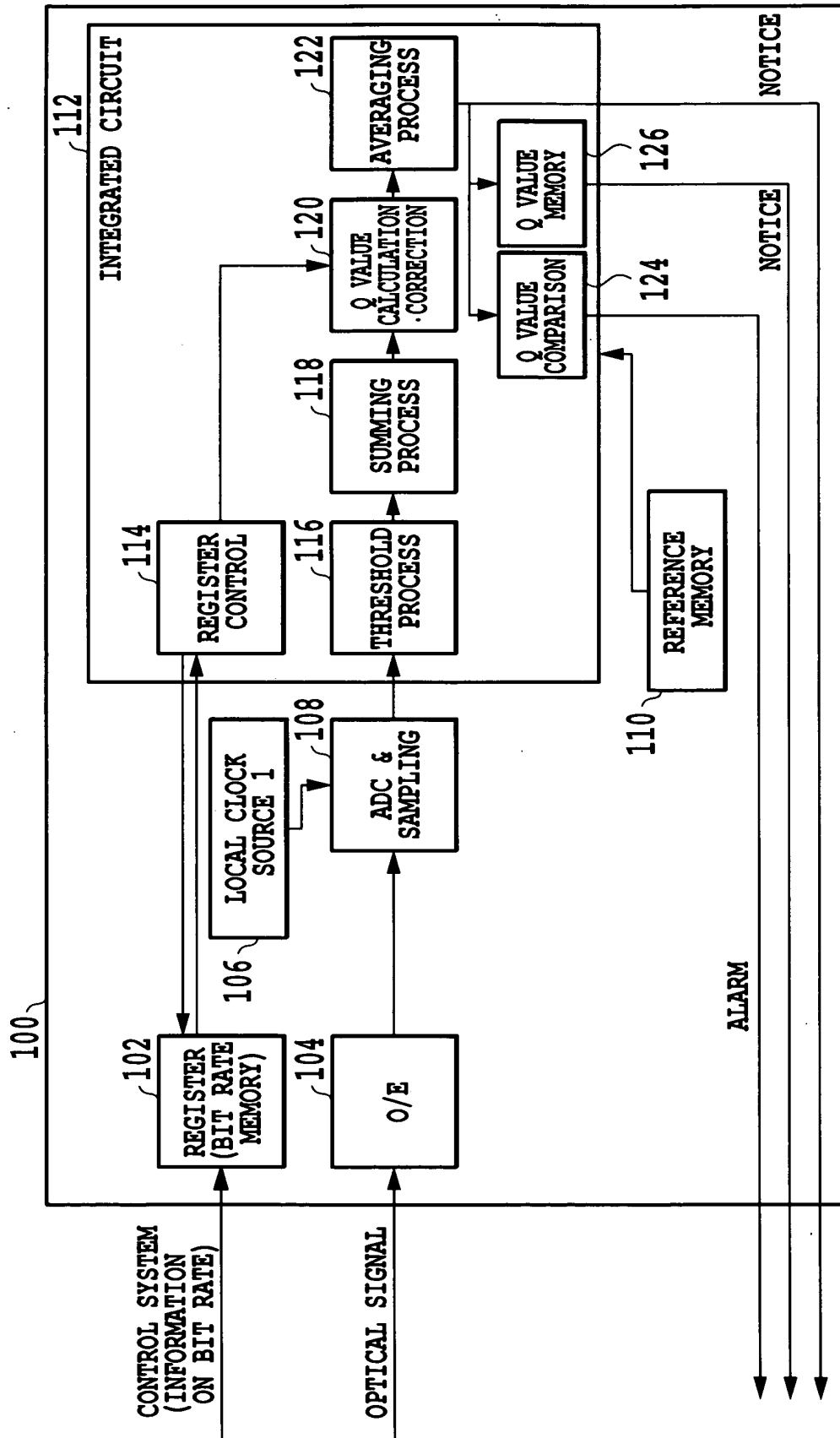


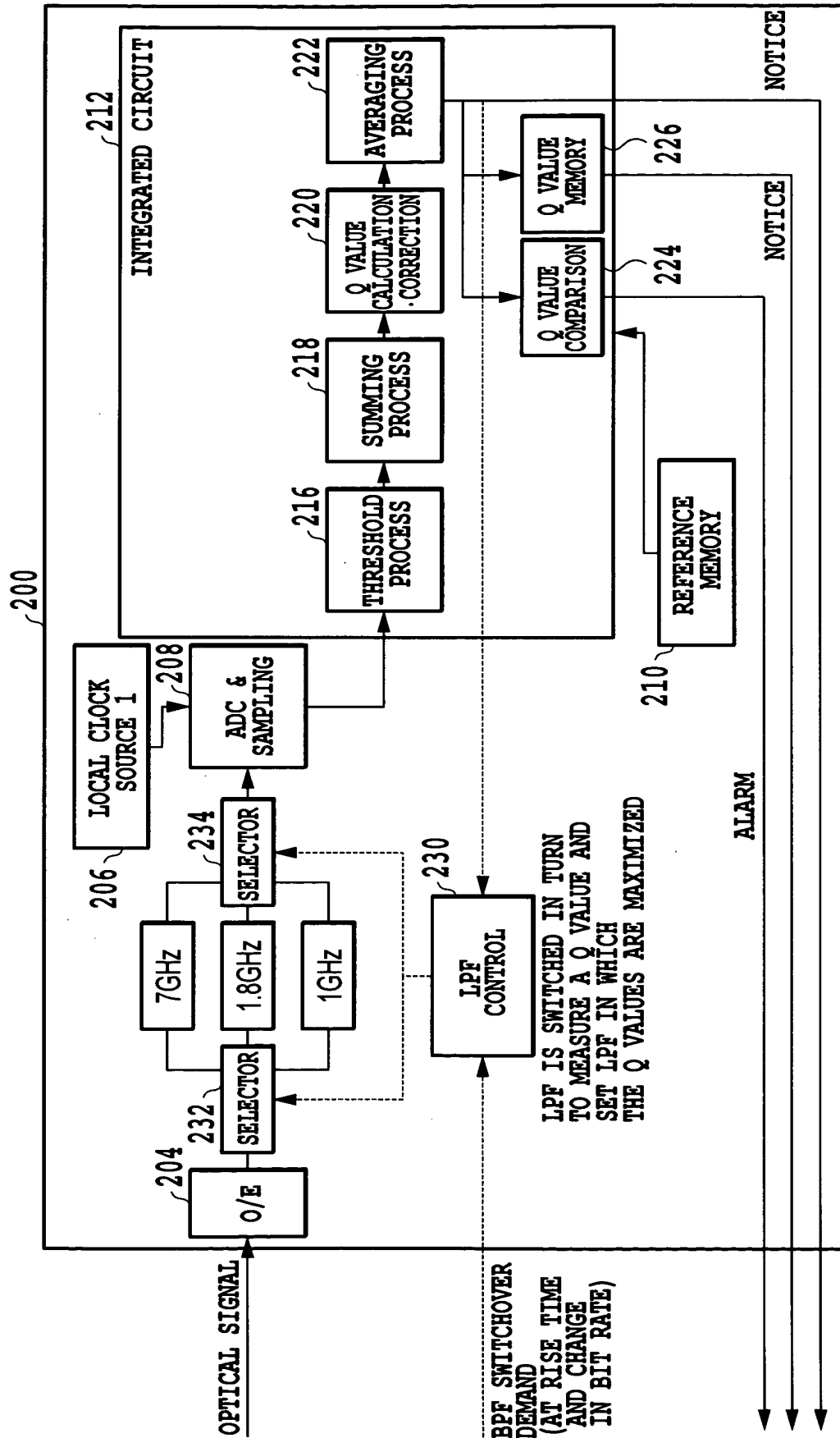
FIG.1

OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

2/33

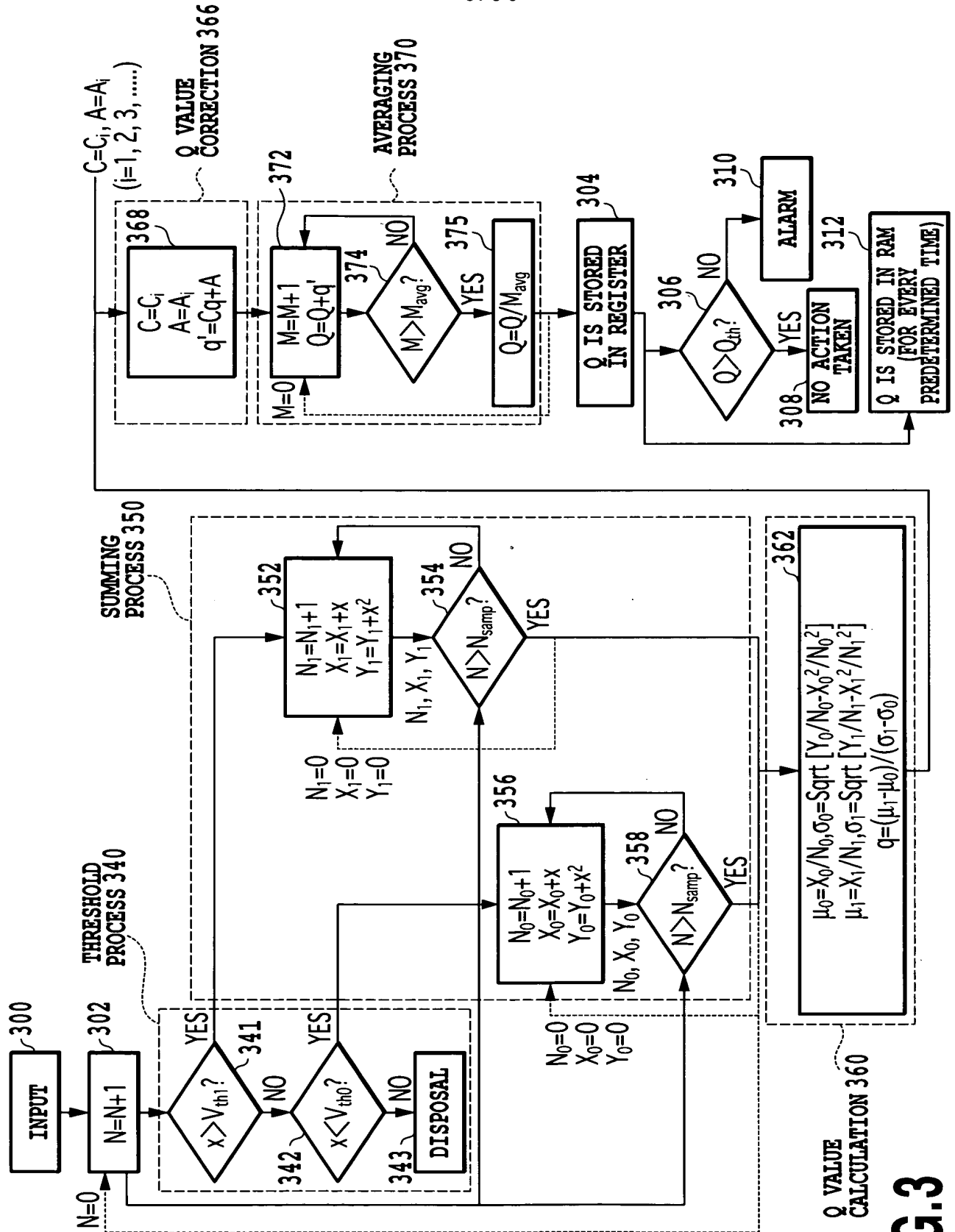


OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

3/33



OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

4/33

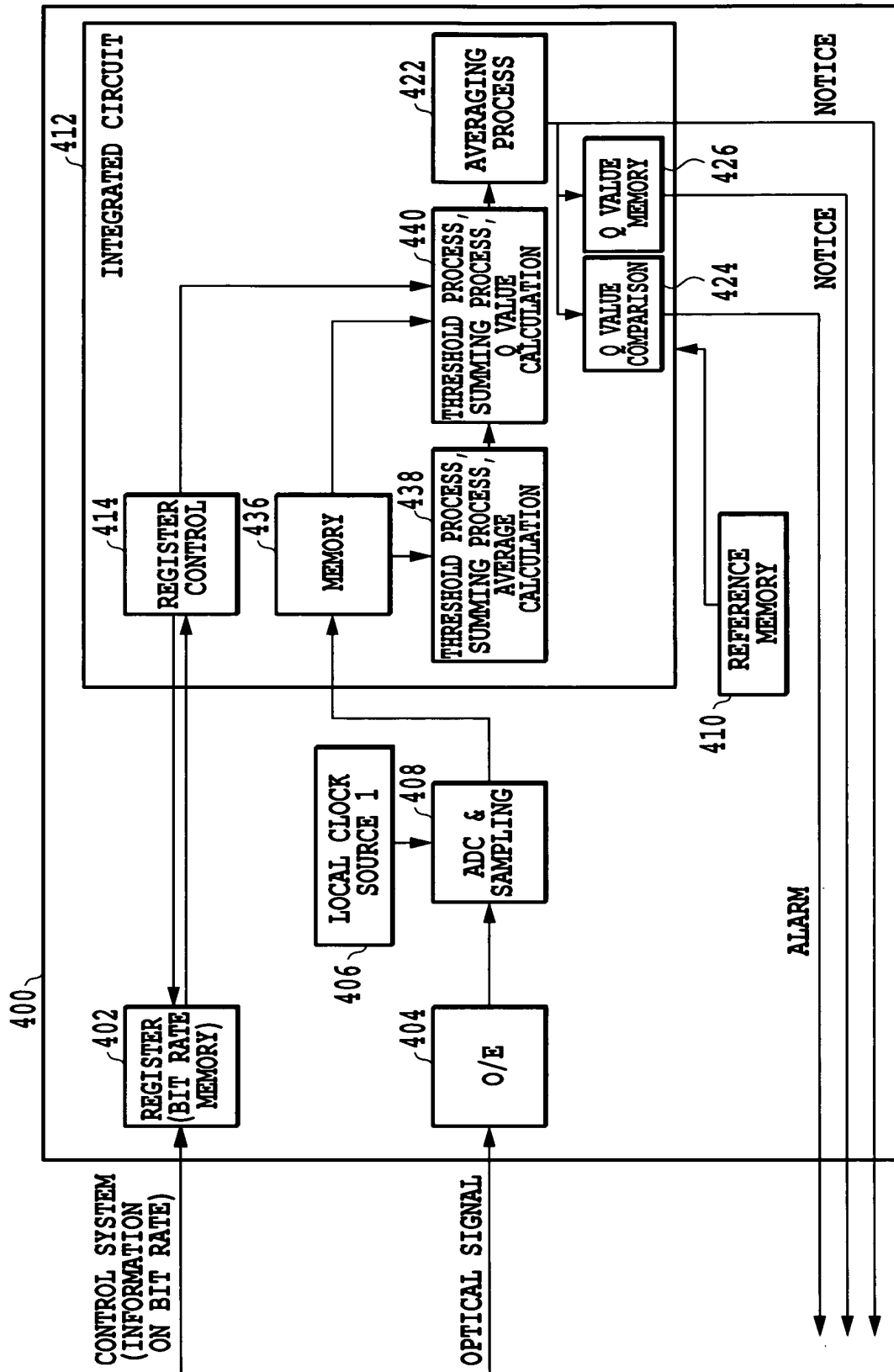


FIG.4

OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

5/33

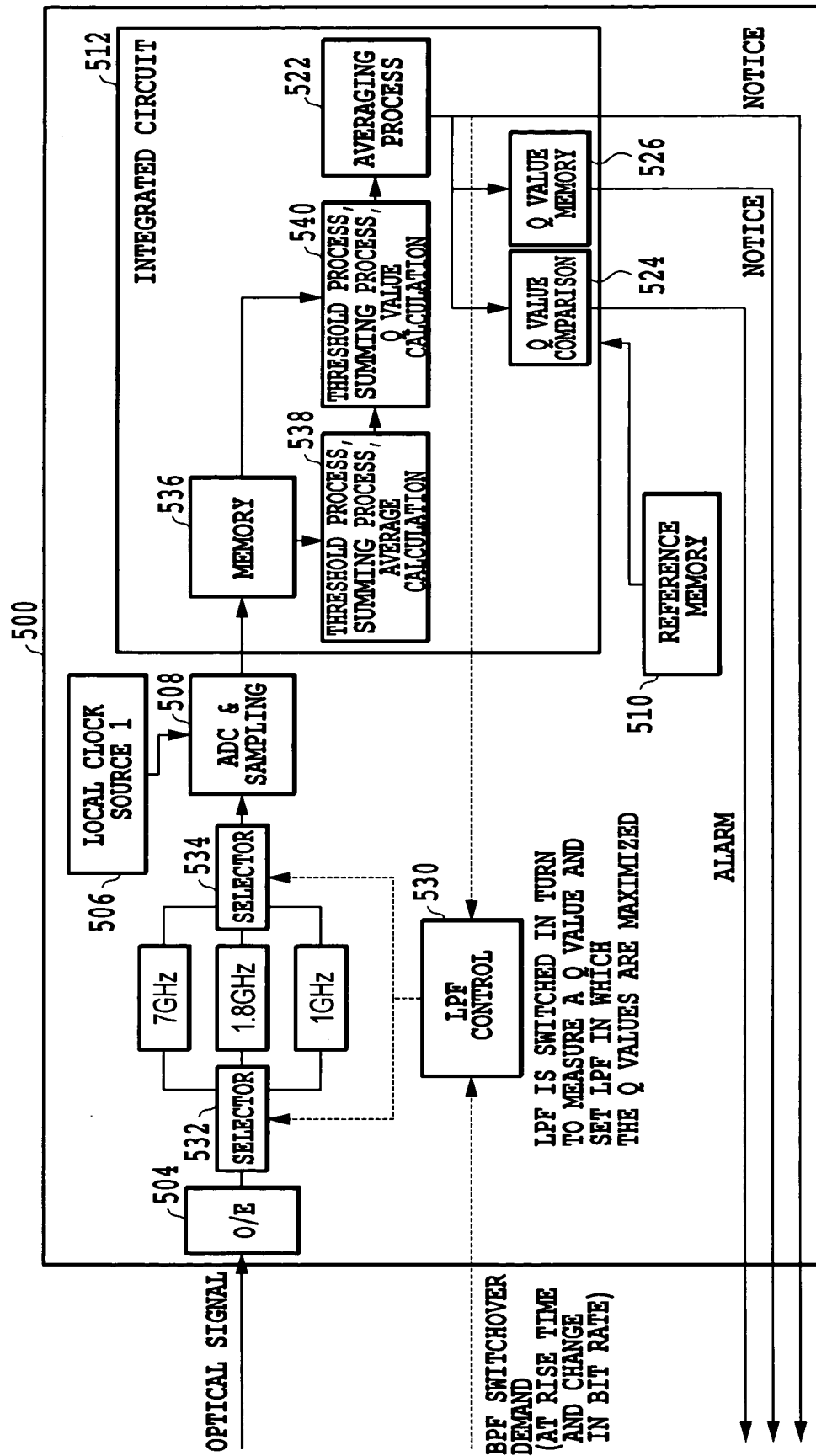
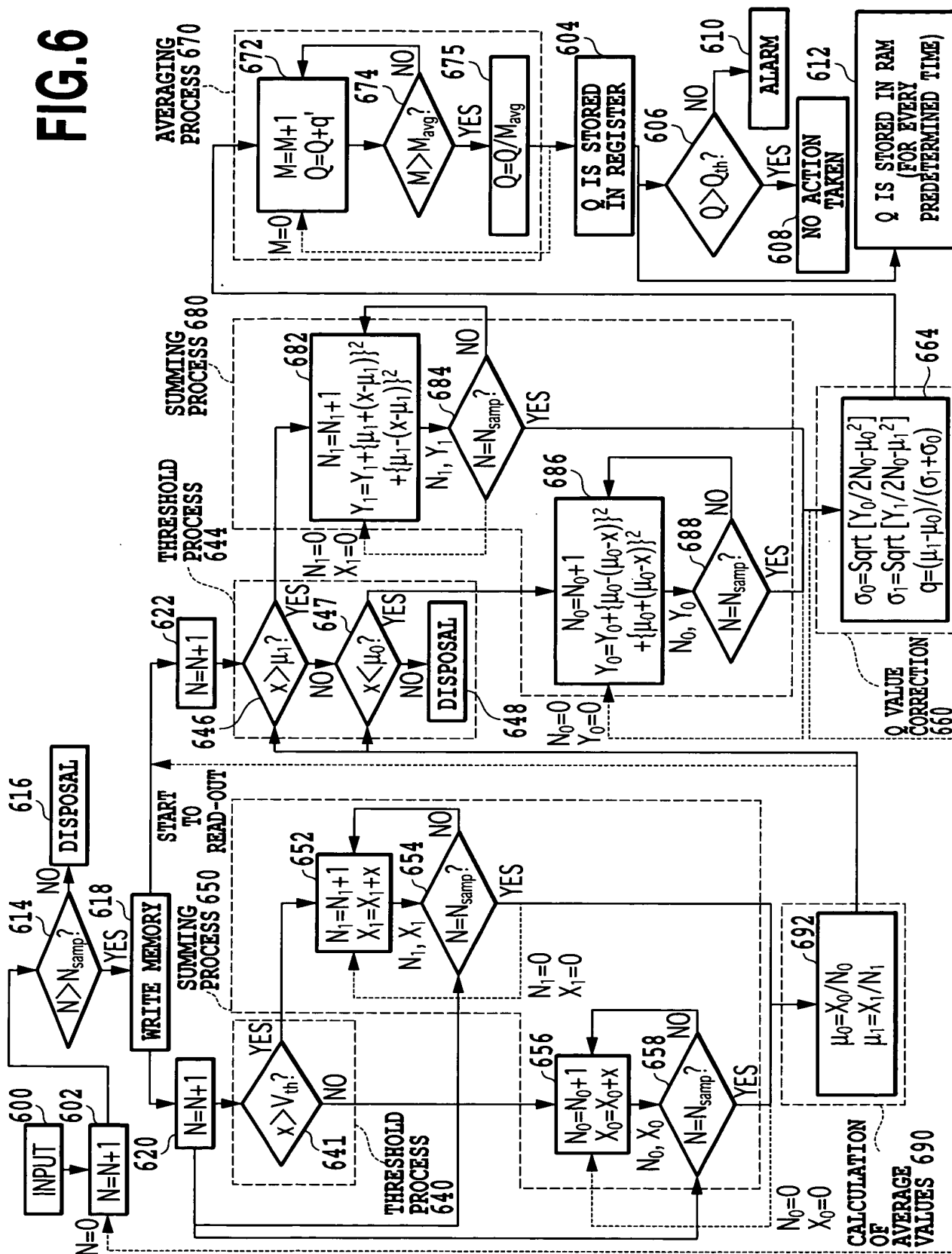


FIG.5

Docket No. 14321.87

FIG. 6



OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

7/33

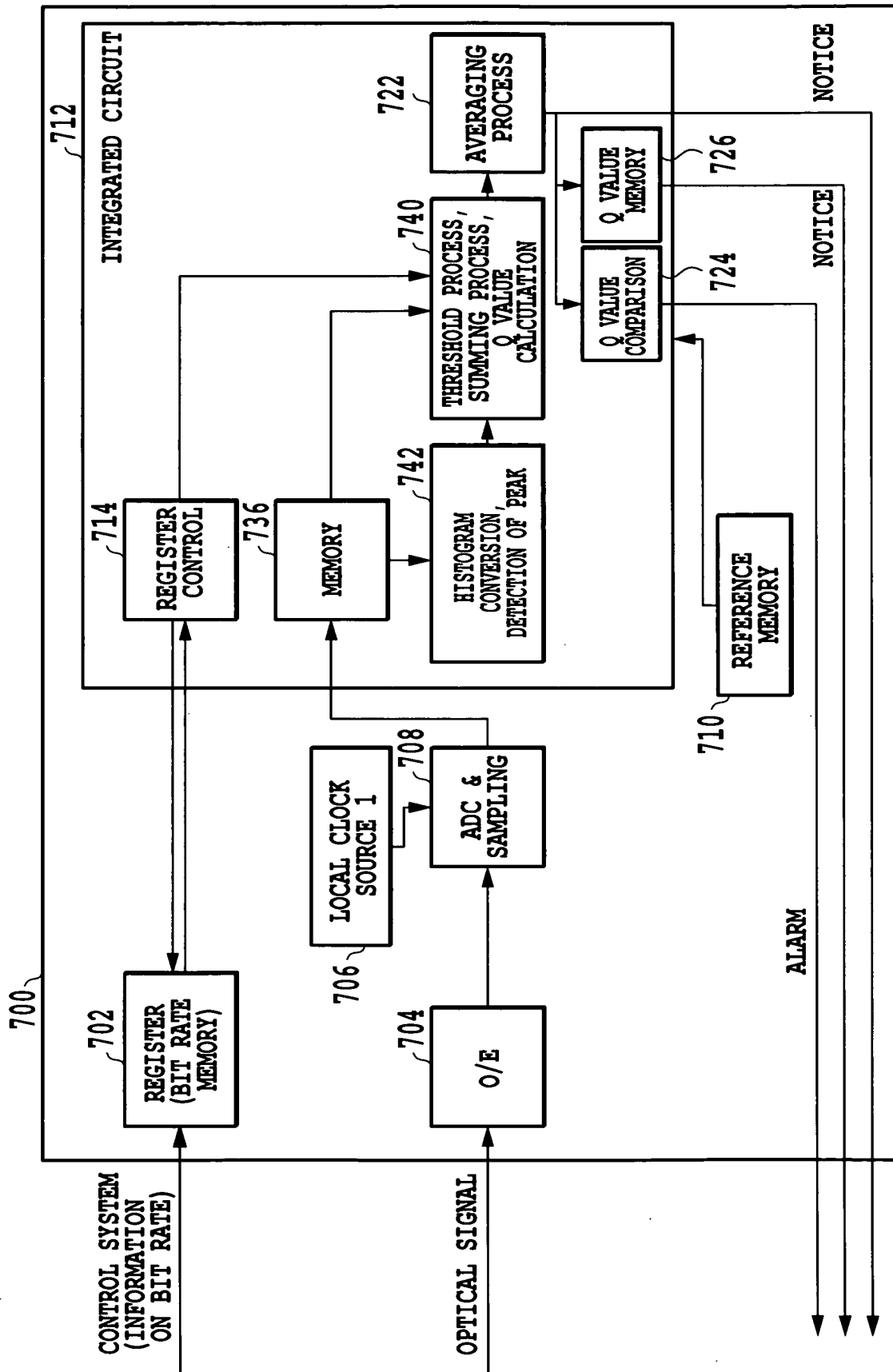


FIG.7

Docket No. 14321.87

FIG. 8

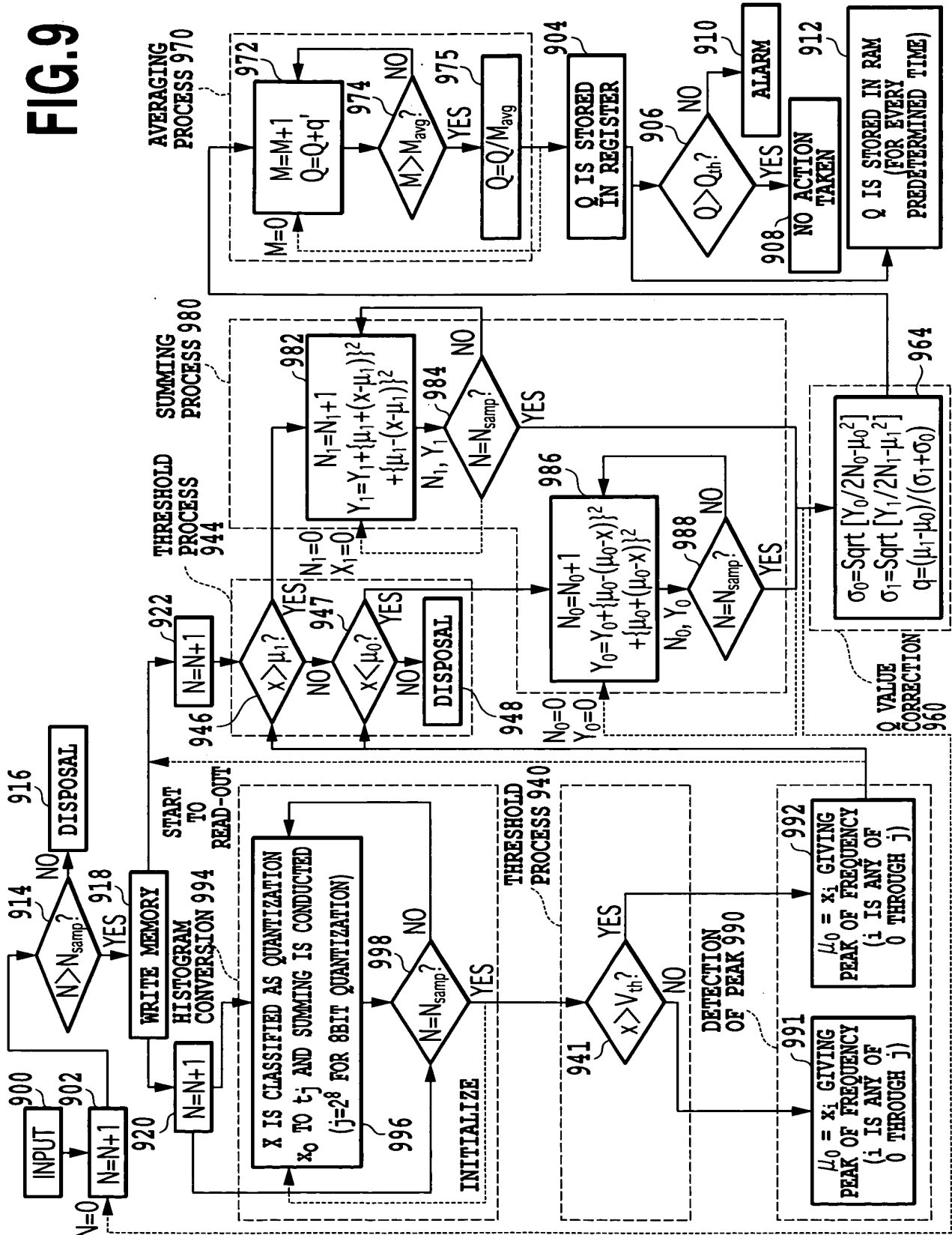
OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

9/33

FIG. 9



10/33



FIG. 10

OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

11/33

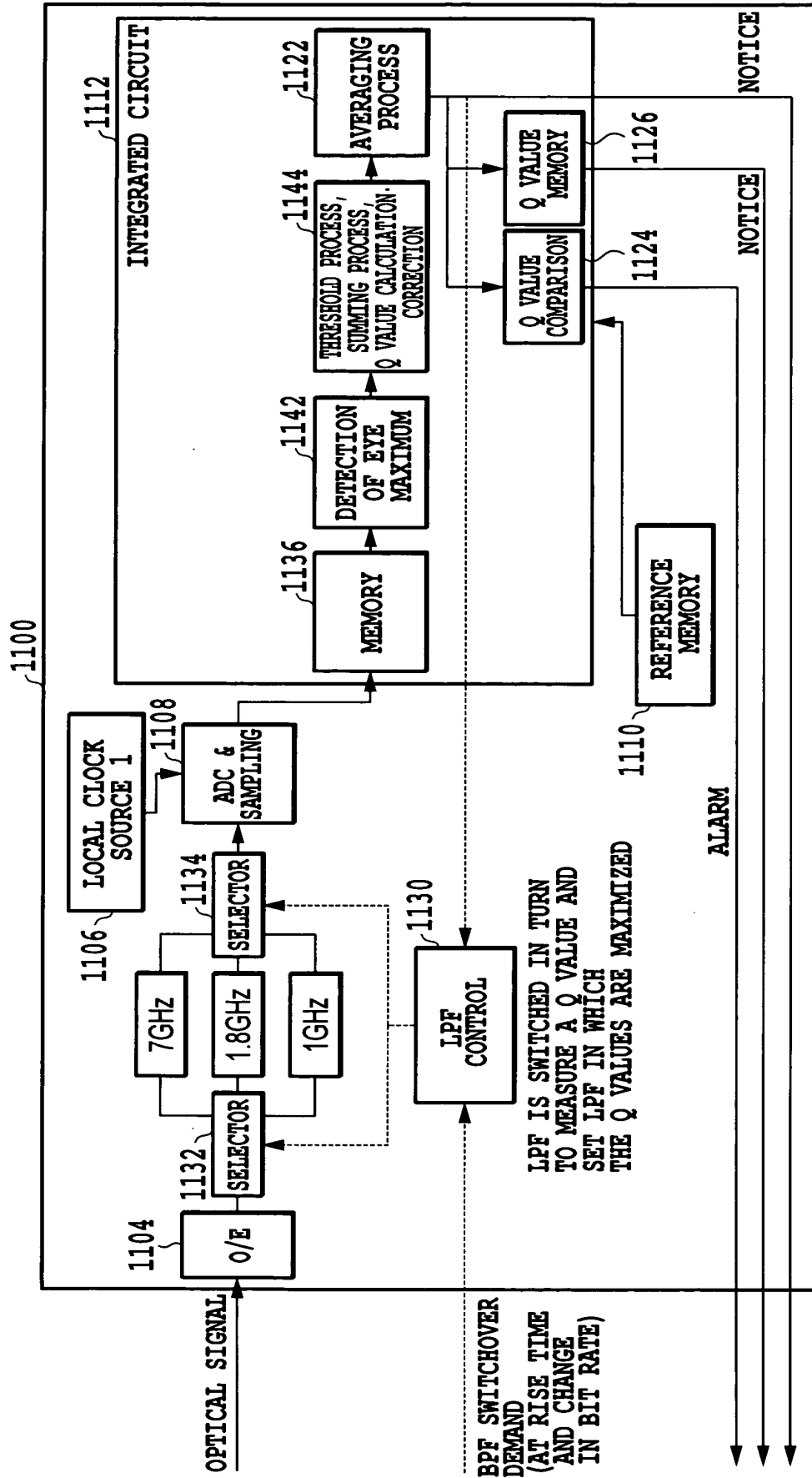


FIG.11

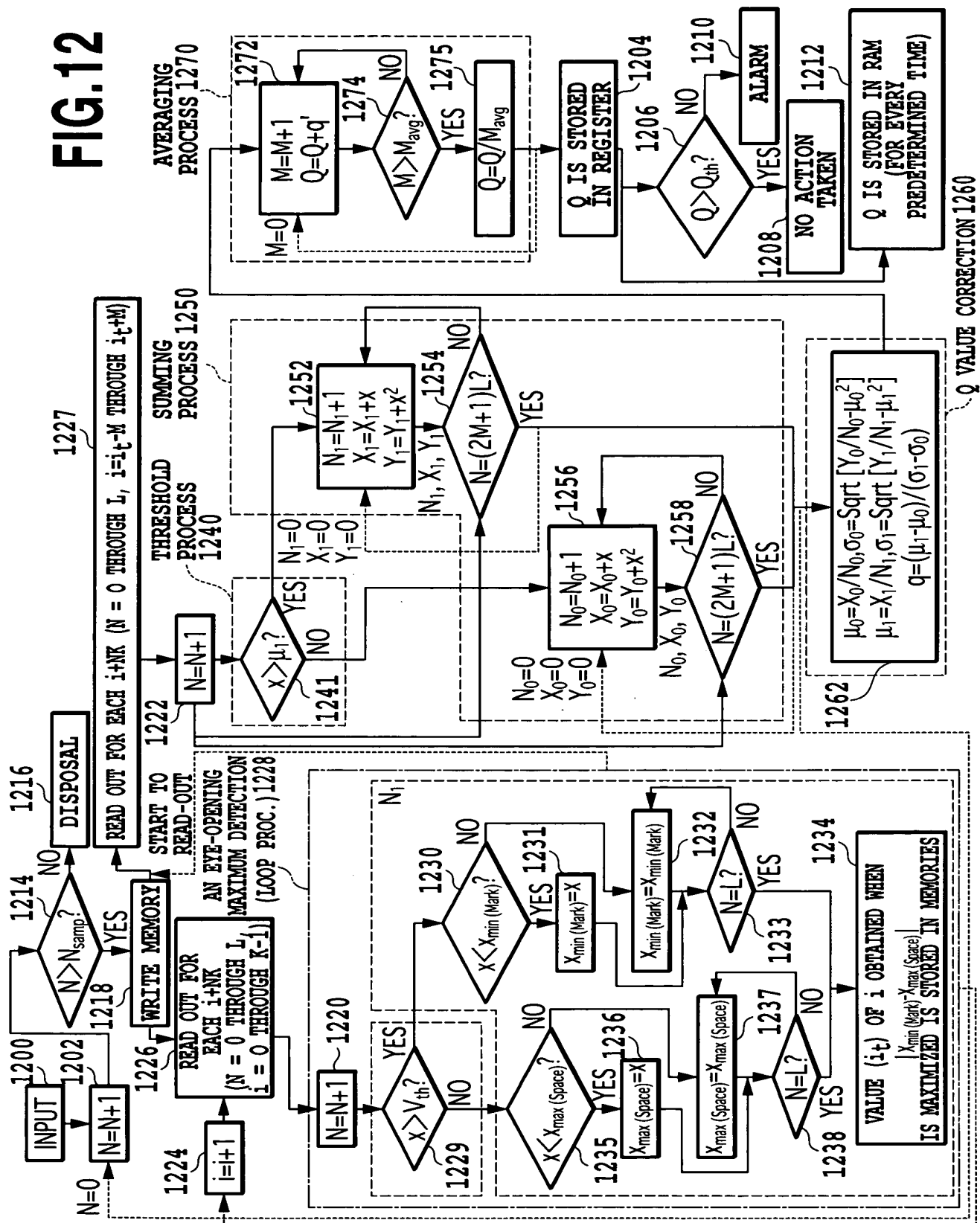
OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

12/33

FIG.12



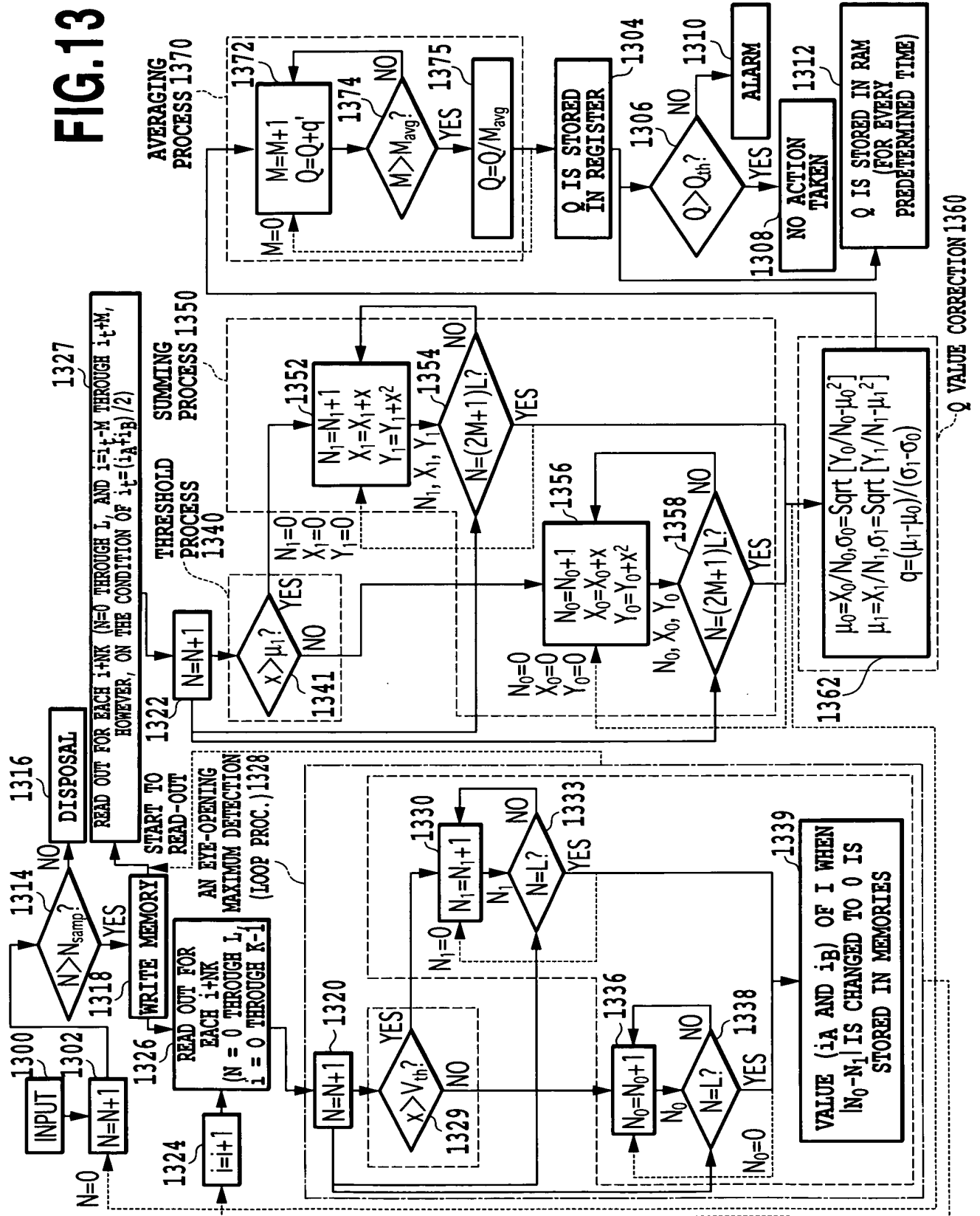
OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

13/33

FIG.13



OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

14/33

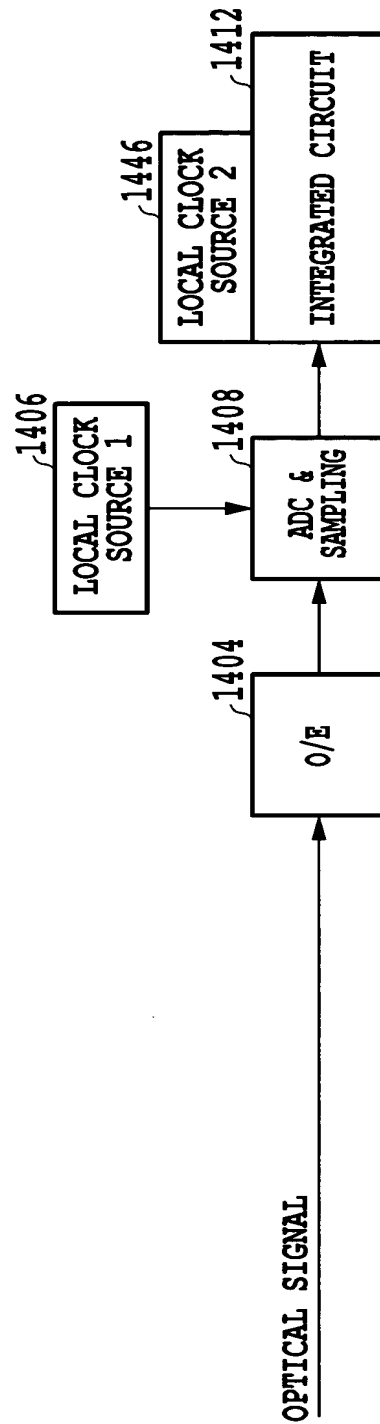


FIG.14

OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

15/33

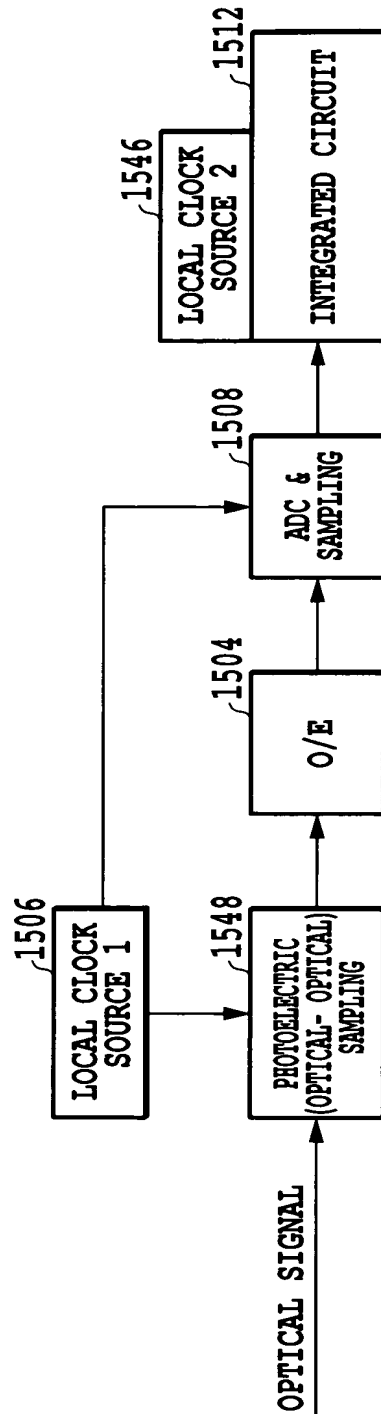


FIG.15

OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

16/33

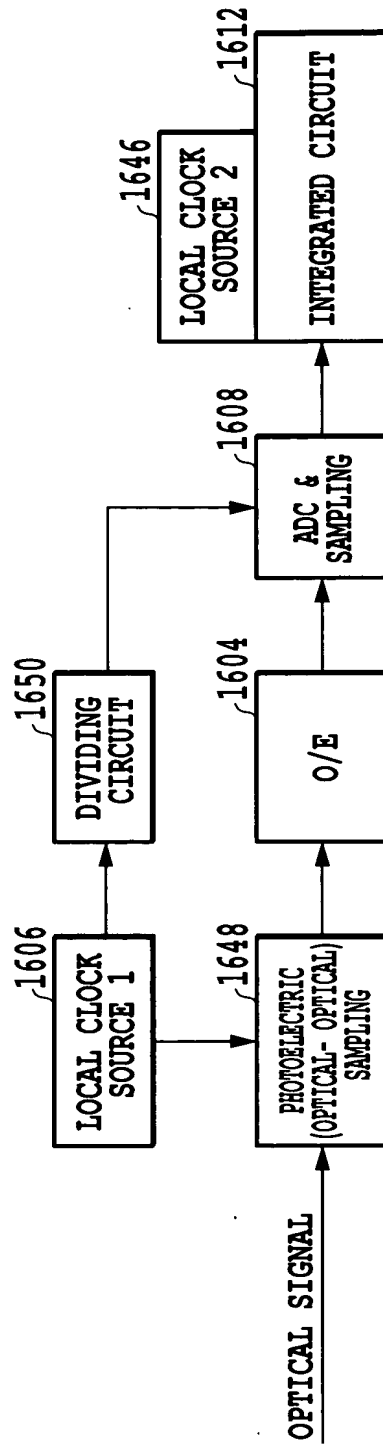


FIG.16

OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

17/33

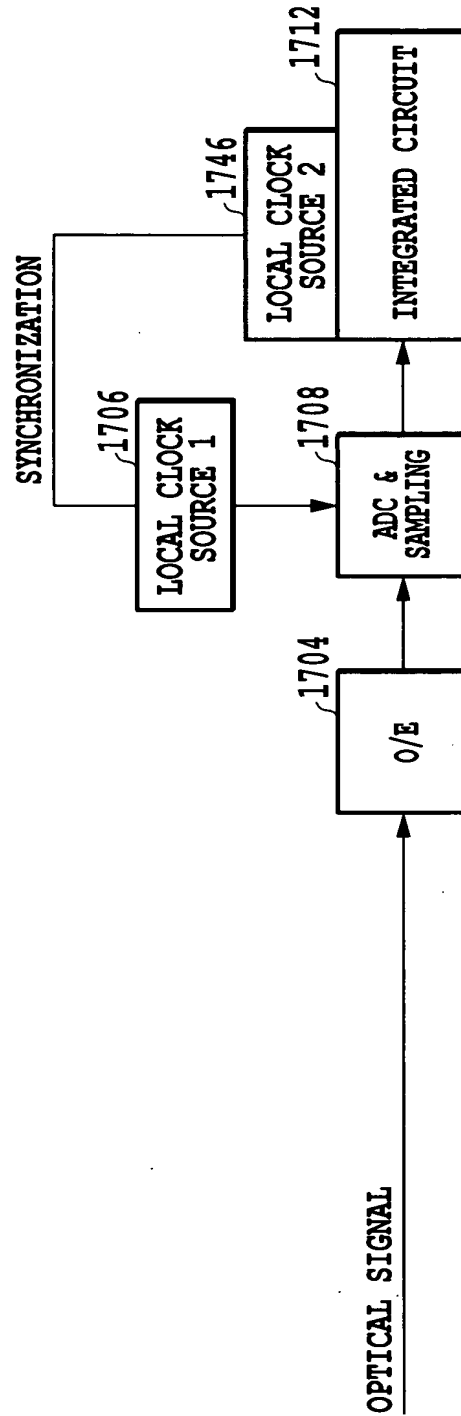


FIG.17

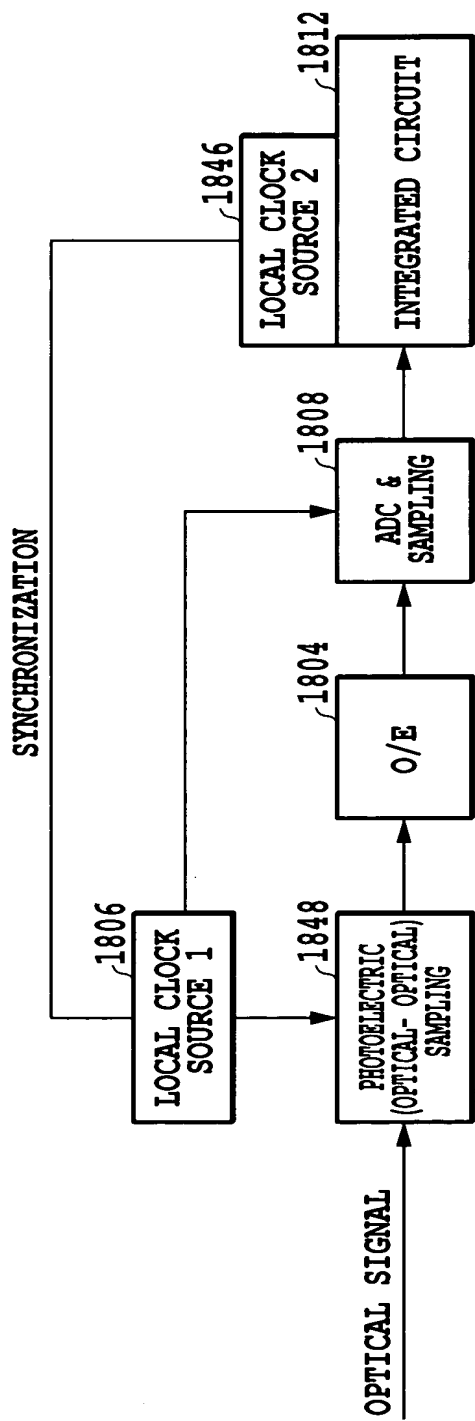


FIG.18

OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

19/33

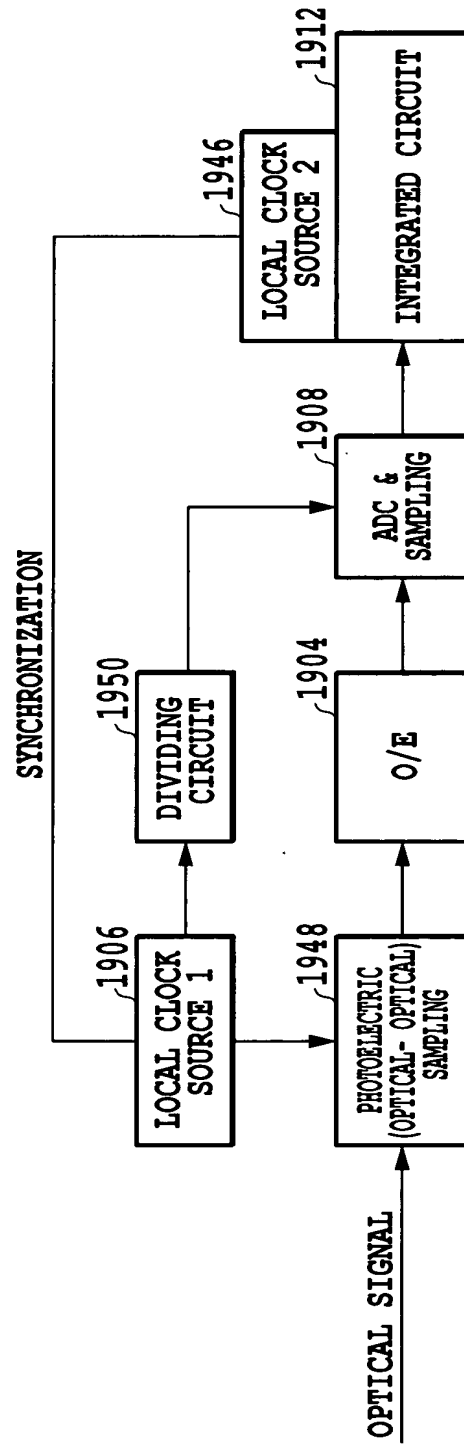


FIG.19

OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

20/33

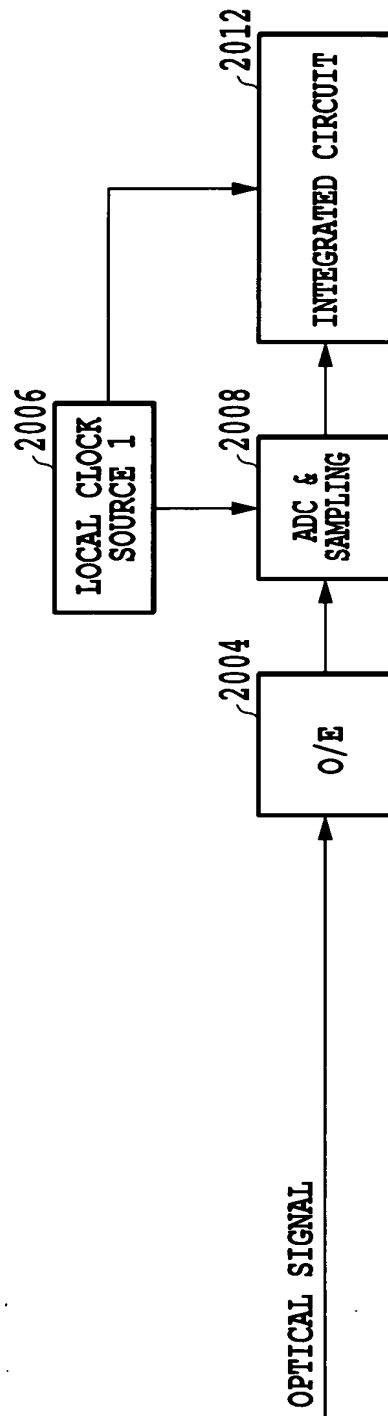


FIG.20

OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

21/33

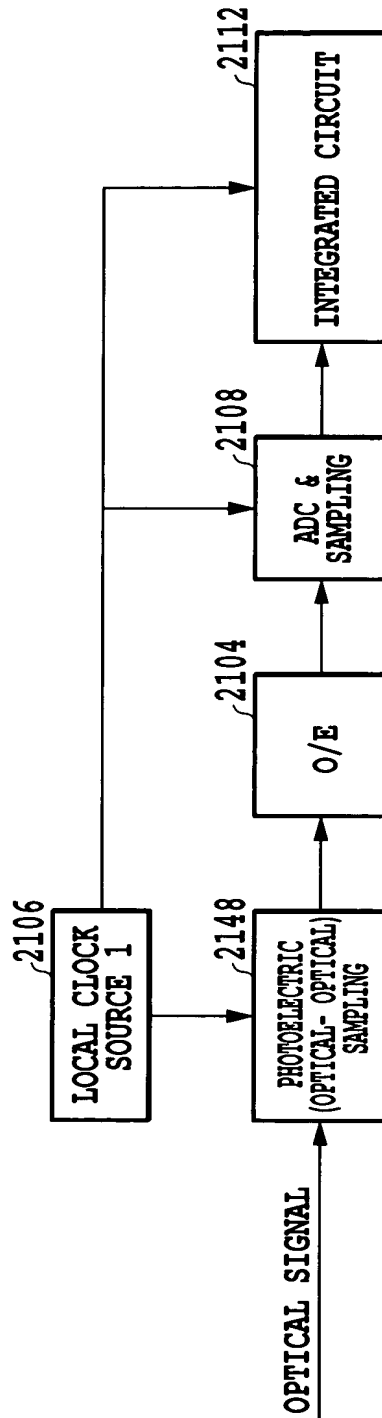


FIG.21

OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

22/33

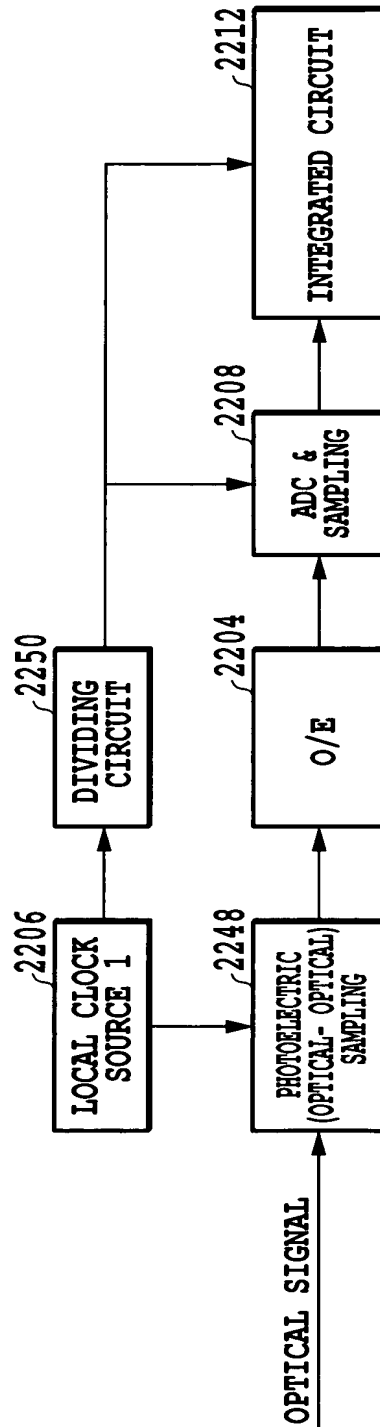


FIG.22

OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

23/33

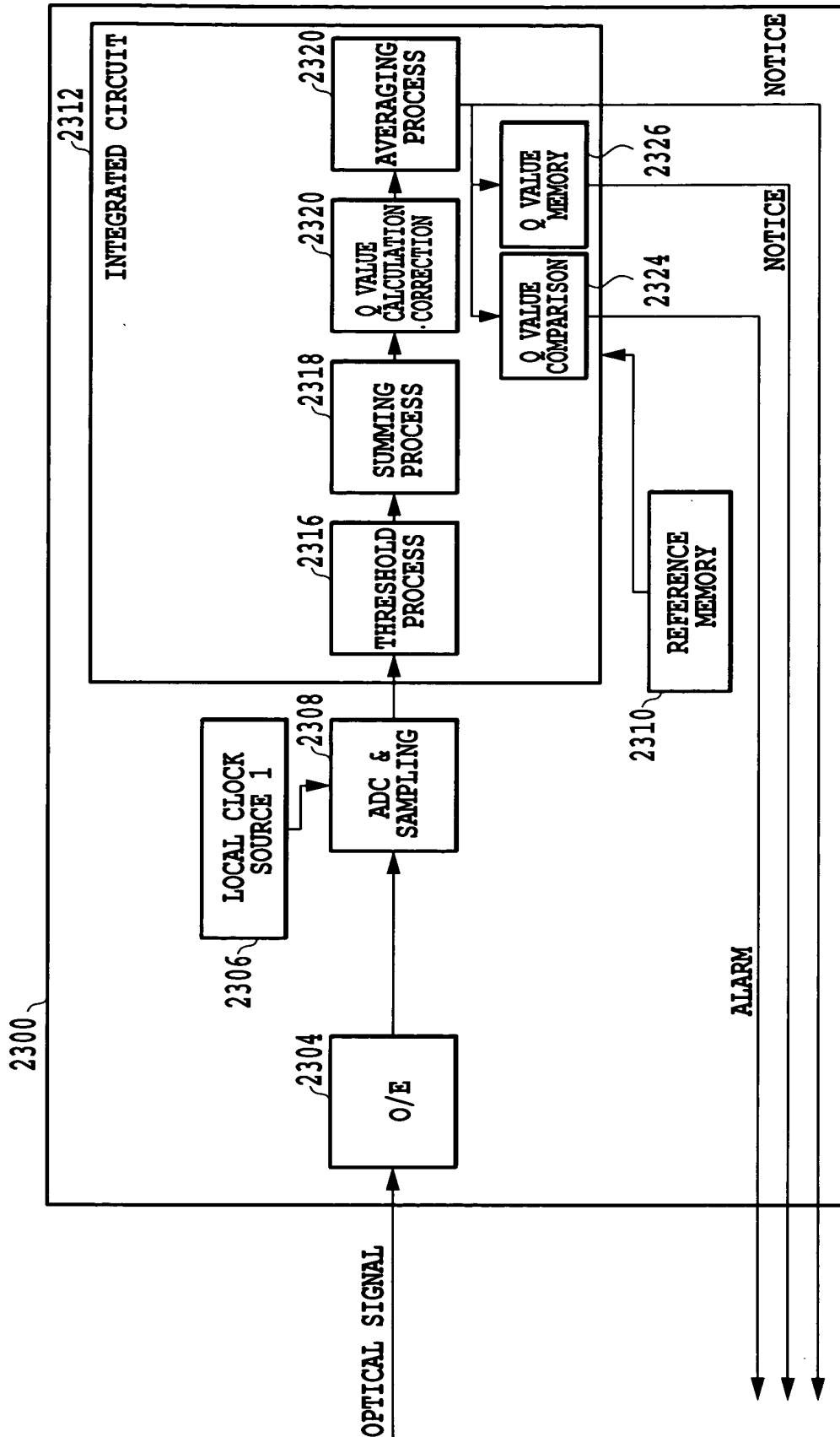


FIG.23

OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

24/33

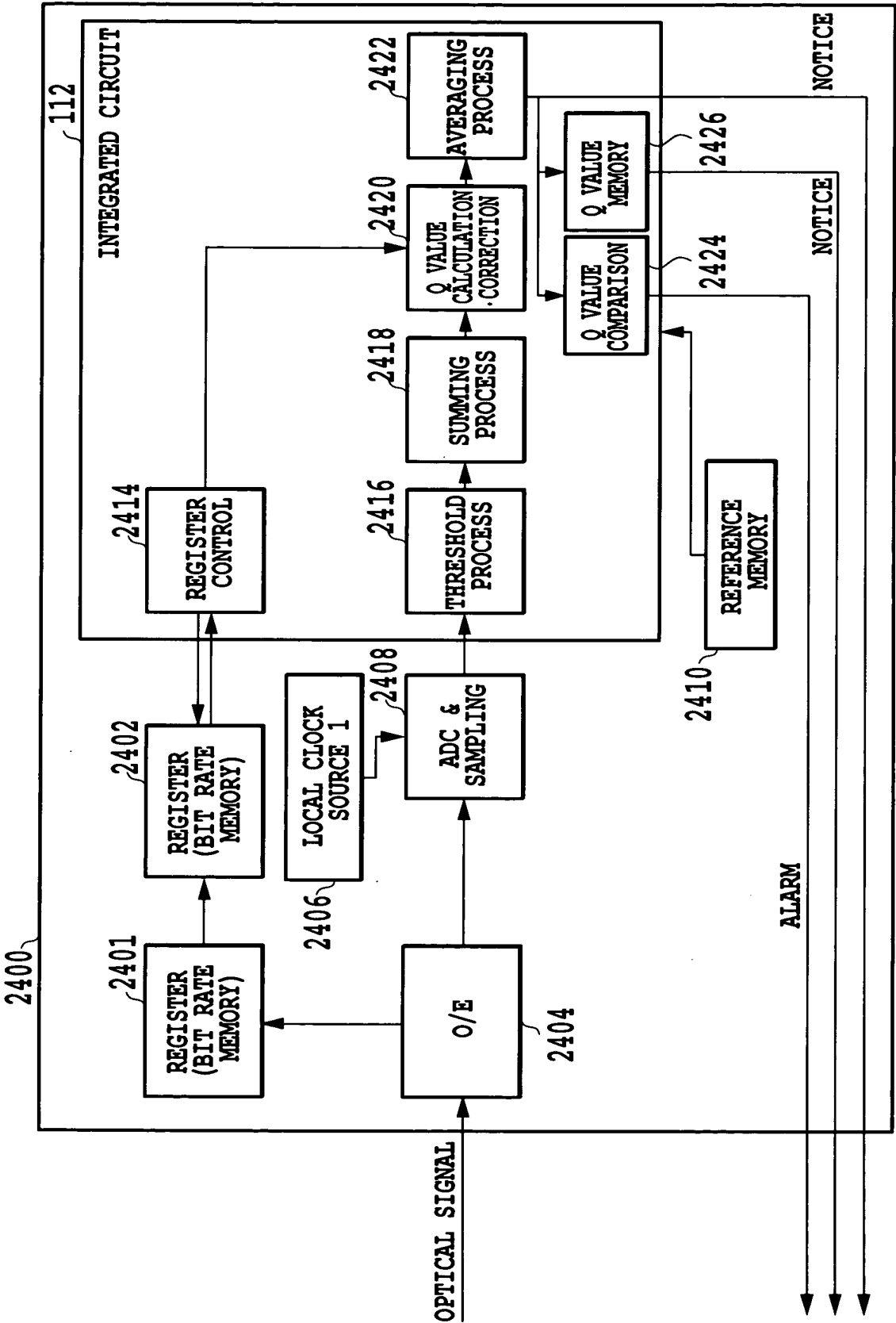


FIG.24

OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

25/33

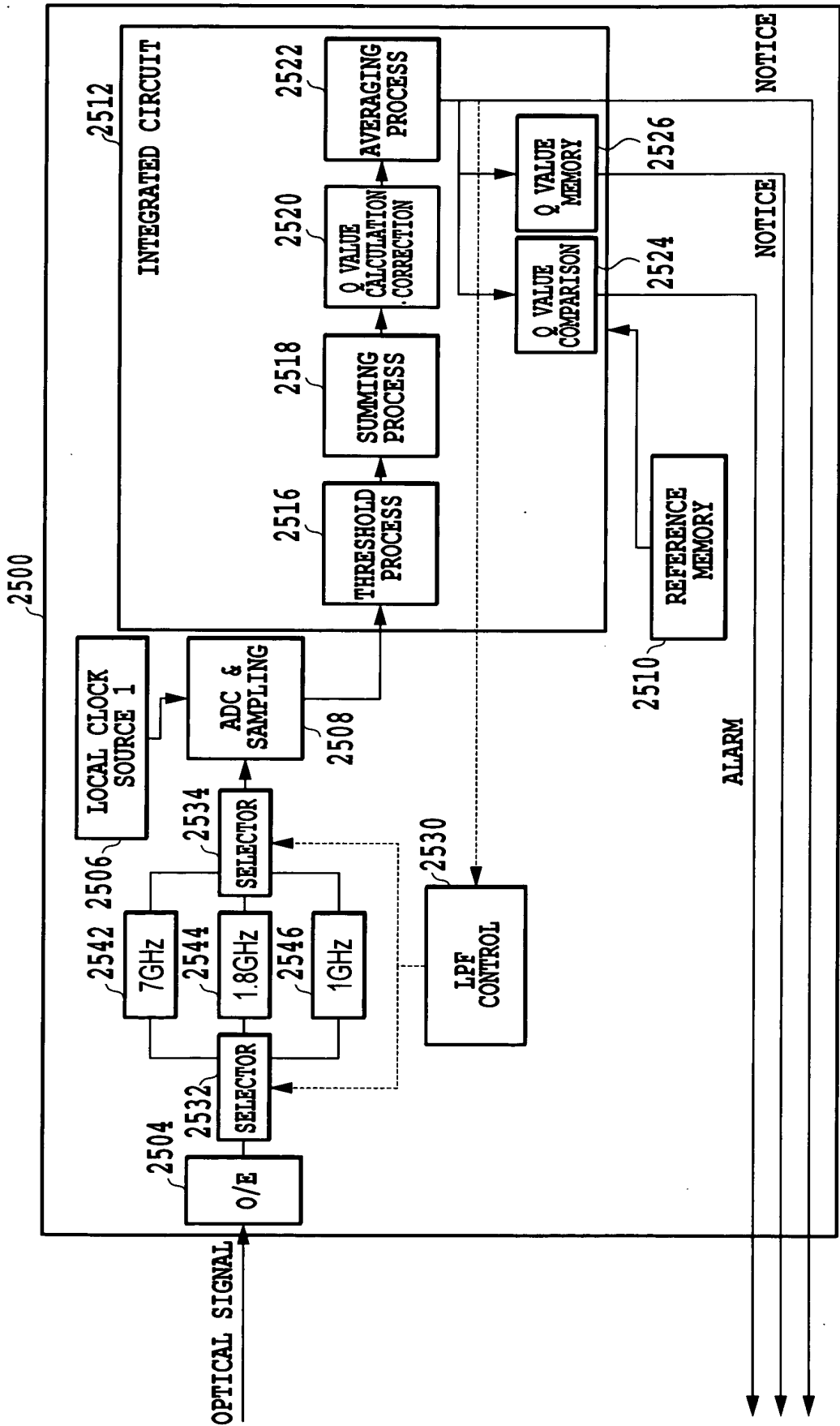


FIG.25

Docket No. 14321.87

2600

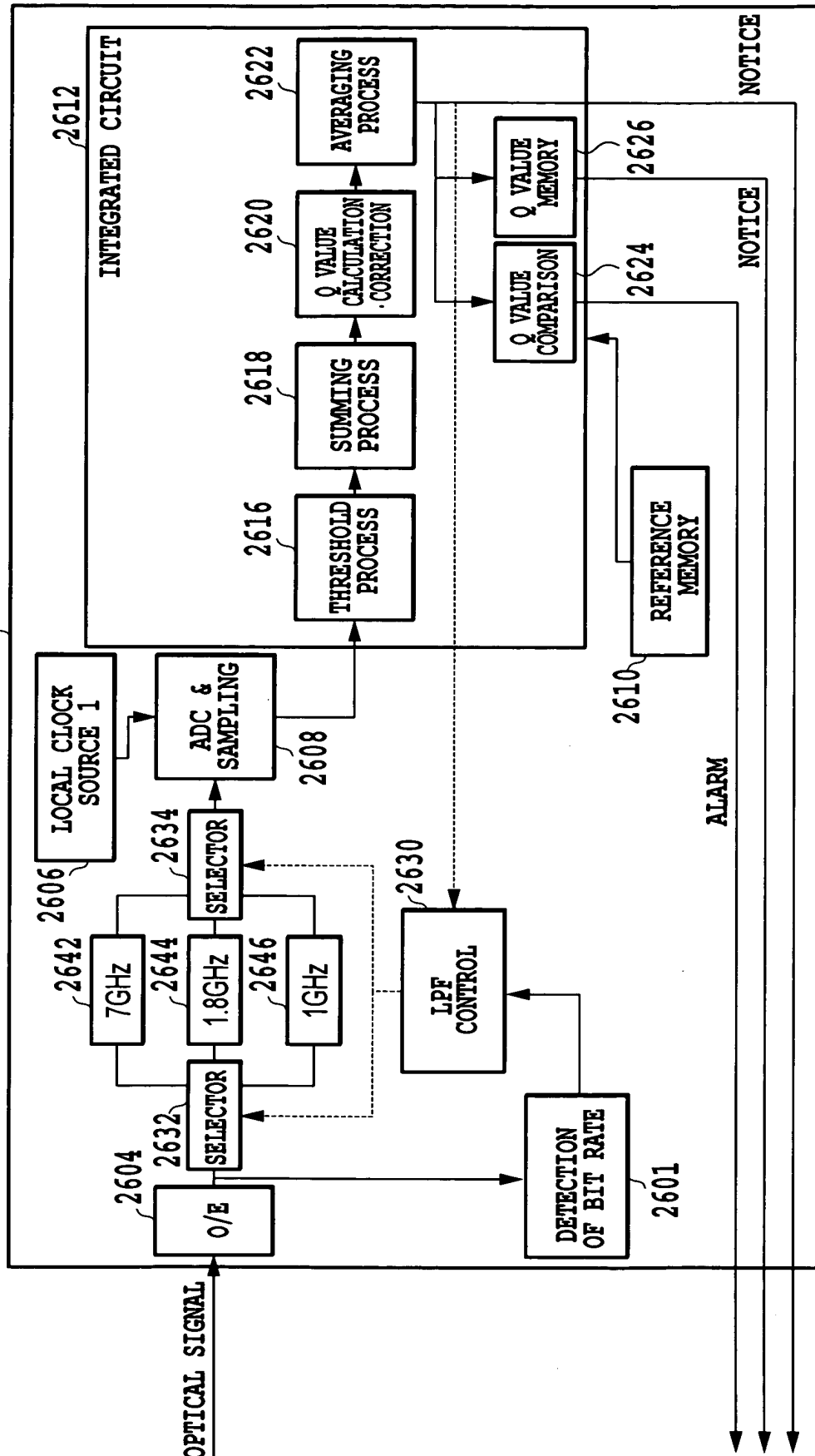


FIG. 26

OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

27/33

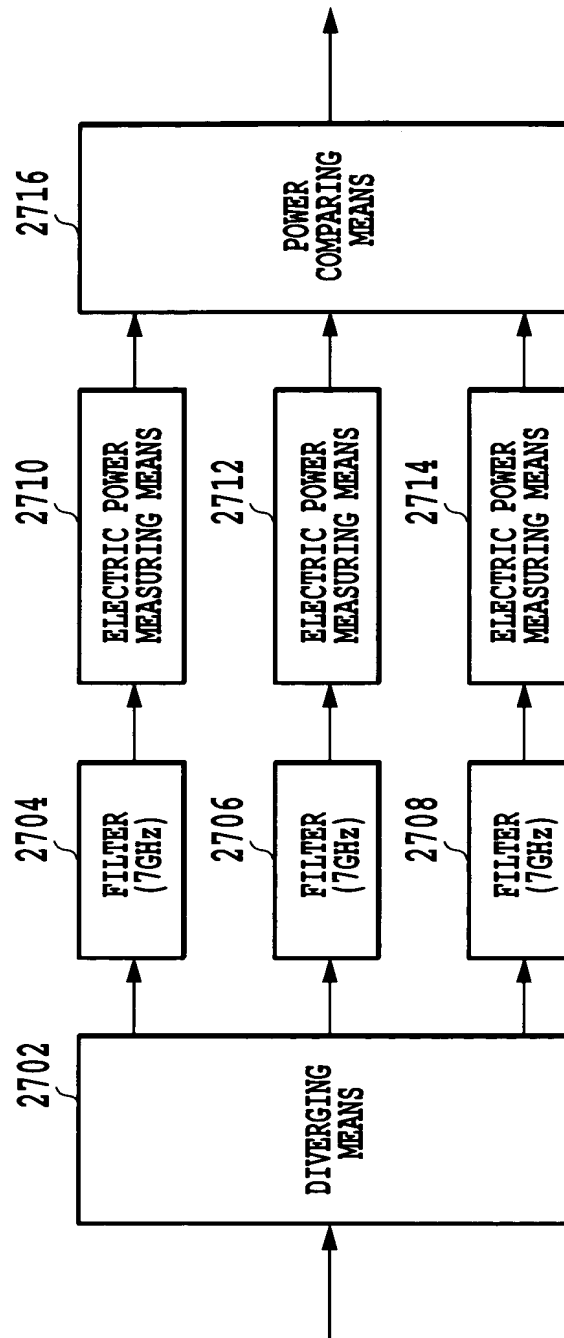


FIG.27

OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

28/33

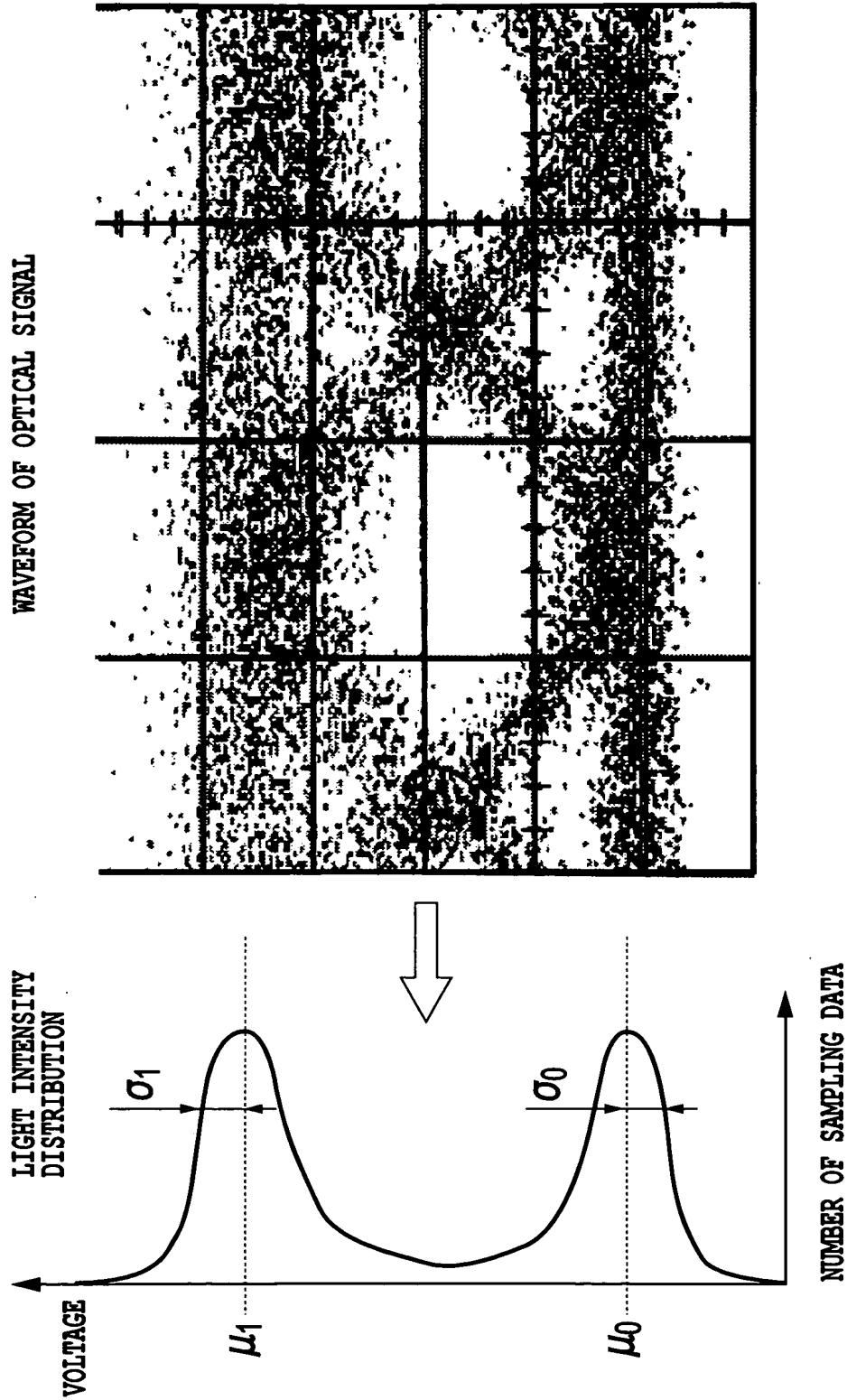


FIG.28

OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

29/33

FIG.29

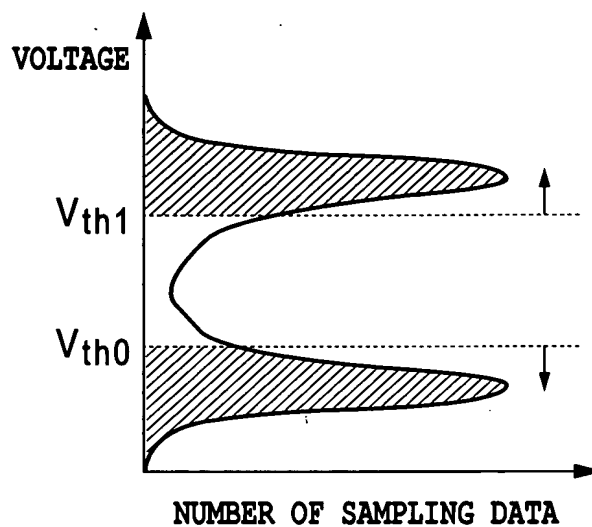
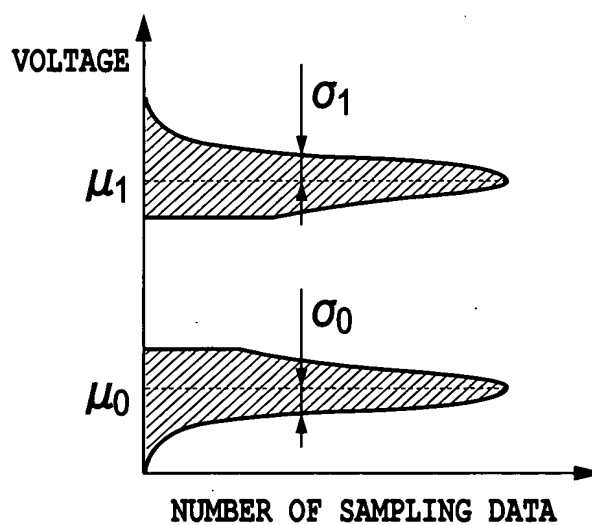


FIG.30



OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

30/33

FIG.31

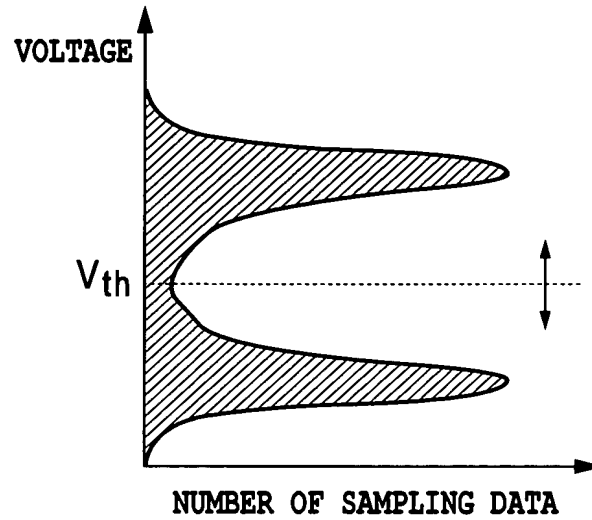
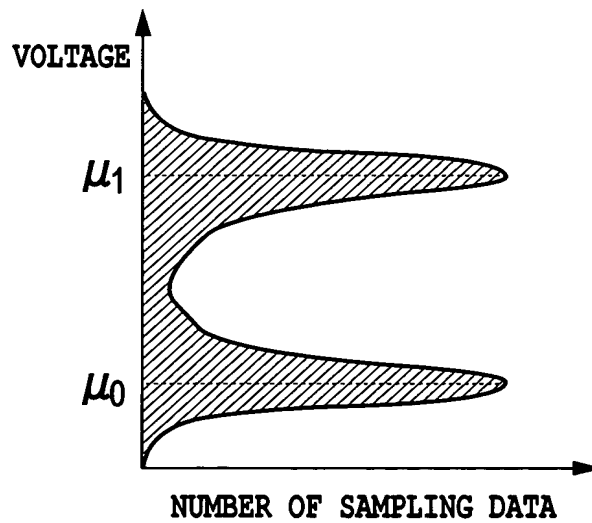


FIG.32



OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

31/33

FIG.33

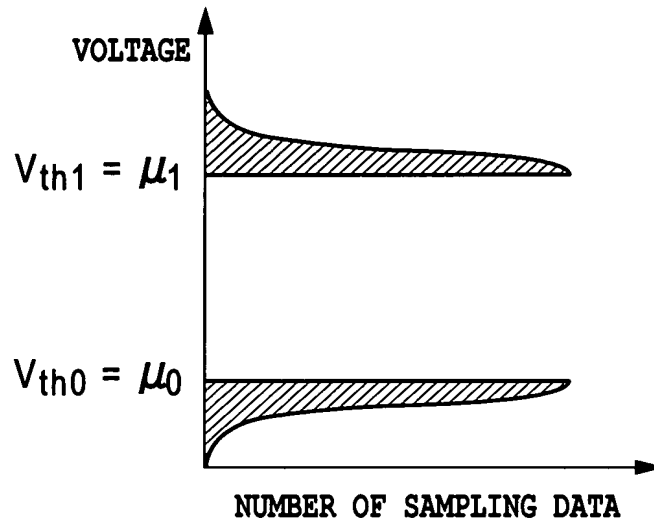
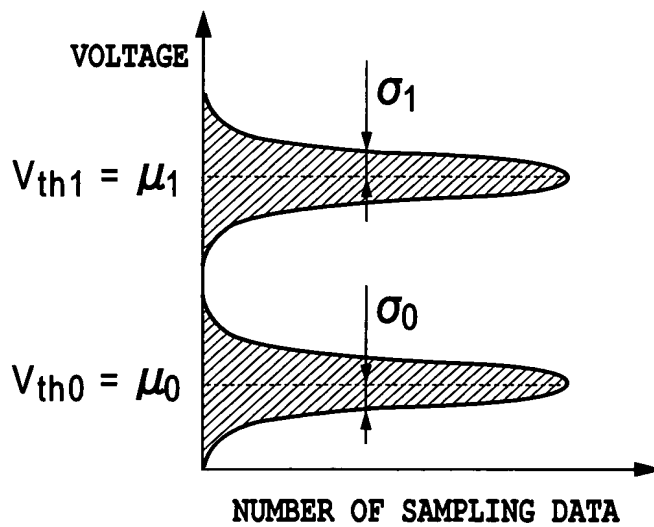


FIG.34



OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

32/33

FIG.35

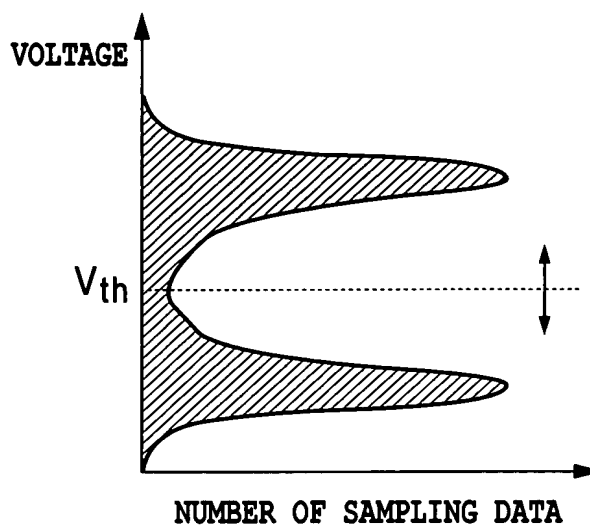
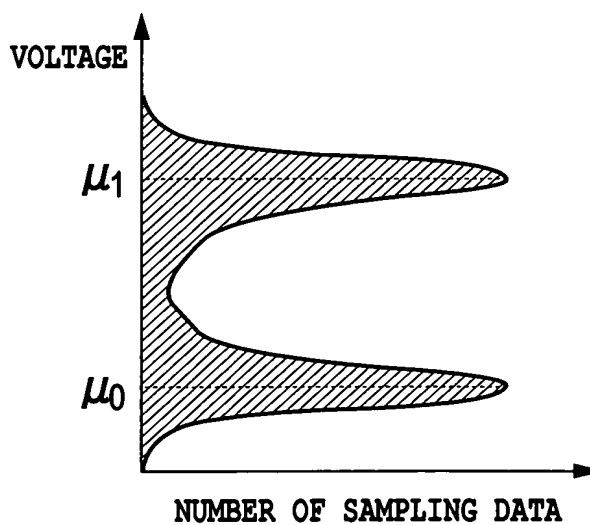


FIG.36



OPTICAL SIGNAL QUALITY MONITORING CIRCUIT AND OPTICAL
SIGNAL QUALITY MONITORING METHOD

Inventors: Hidehiko Takara et al.

Docket No. 14321.87

33/33

FIG.37

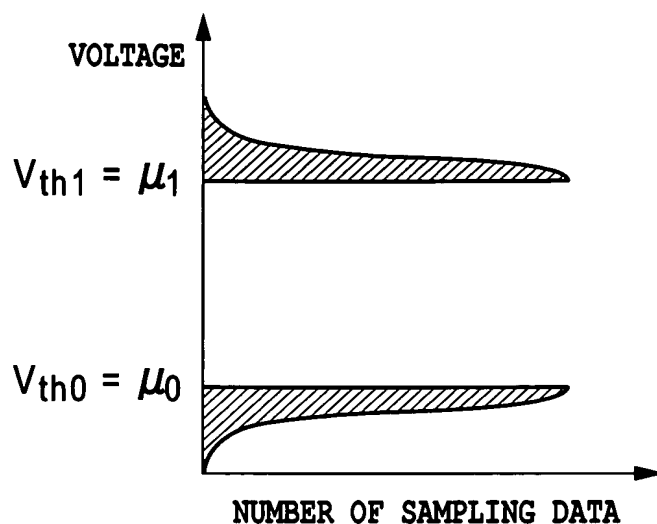


FIG.38

